

Specification

[0002] Personal computer (PC) mother boards can have numerous different configurations, depending upon the type of circuit cards they are set up to receive. For example, if all of the cards for which they system is designed are 32-bit cards, then a number of receivers (commonly called "slots"), each designed to receive the 120 edge pins of a 32-bit card, would be provided on the ~~pins of a 32-bit card, would be provided on the~~ board, along with an ICH4 controller connected to each of the slots in parallel. If, on the other hand, only 64-bit cards need to be accommodated, a different board with slots for the 368 edge pin 64-bit cards would be used, together with an appropriate number of P64H2 controllers (in general, one P64H2 controller is required for each two 64-bit cards operated at 100 MHz, and an individual controller for each 64-bit card operated at 133 MHz).